

List of All Chemicals

P Hyptis verticillata (Lamiaceae)

Common name(s)

Barrehorno; John Charles

How used

Medicinal

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Chemical	Plant Part	Low PPM	High PPM	StdDev	*Reference
4'- DEMETHYLDEOXYPODOPHYLLOTOXIN	Plant	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
LIGNANS	Plant	--	--		Tramil

Activities (10)

Allergenic	
Antiestrogenic	
Antimutagenic	Economic & Medicinal Plant Research, 6: 235.
Antimycotic	
Antioxidant	
Antitumor	
Antiviral	
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.
Cardiovascular	
Cathartic	

PODOPHYLLOTOXIN	Leaf	--	500.0		Tramil
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Activities (26)

Abortifacient	
Anticondylomata	Martindale's 29th
Antifertility	Pei-Gen, X., and Nai-Gong, W. Can ethnopharmacology contribute to the development of anti-fertility drugs? Journal of Ethnopharmacology, 32: 167-177, 1991.
Antiherpetic IC88=414 ppb	Bedows, E. and Hatfield, G.M. An Investigation of the Antiviral Activity of Podophyllum peltatum. J. Nat. Prod. 45: 725.
Antileukemic 5.4 ppm	
Antimeasles	Vlietinck, A.J. and Dommissie, R.A. eds. 1985. Advances in Medicinal Plant Research. Wiss. Verlag. Stuttgart.
Antimelanomic ED50=>20 ug/ml	J. Ethnopharmacology, 32: 117.
Antimitotic	Wagner & Wolff, eds. 1977. New Natural Products (RS164. I56. 176)
Antisarcomic ED50=0.012 ug/ml	J. Ethnopharmacology, 32: 117.
Antitumor 2 ppm iv	
Antitumor (Breast) ED50=0.041 ug/ml	J. Ethnopharmacology, 32: 117.
Antitumor (Colon) ED50=0.011 ug/ml	J. Ethnopharmacology, 32: 117.
Antitumor (Lung) ED50=0.0181 ug/ml	J. Ethnopharmacology, 32: 117.
Antiviral IC88=1 uM	Bedows, E. and Hatfield, G. M. An investigation of the antiviral activity of Podophyllum peltatum, J. Nat. Prod., 45(6), 1982, 725-9.
Cathartic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Embryocide	Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Fungicide	
Herbicide 50 ppm	
Insecticide 1-20 ppm	
Irritant	Jim Duke's personal files.
Juvabional 1,200 ppm	
Larvicide 5 ppm	Berenbaum, M. R., The natives knew, Chemtech, (May), 1990, 275-279.
Pesticide	
Piscicide 1-20 ppm	
Purgative	
Topoisomerase-II-Inhibitor 10 ug/ml	

